

Status Report for WI to TSG

Work Item Name: UMTS 2600 MHz TDD

SOURCE: Rapporteur

TSG: RAN

WG: 4

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Ref. to WI sheet: RP-040453.doc, TSGRP#26 (2004)

Progress Report since the last TSG (for all involved WGs):

RAN WG4:

Two contributions were presented. A contribution (R4-050228), highlights the issues namely, coexistence studies and changes to TS25.105 and TS25.102 that are required for UMTS 2600 MHz TDD WI. The need for an additional coexistence study that includes TDD unsync with TDD sync systems operating in 2.6 GHz band was agreed. A set of changes to TS25.105 was agreed. Agreements reached will be sufficient to generate a draft TR outline for input to the next RAN4 meeting.

A second contribution (R4-050178) highlights the need for both TDD and FDD to have feasibility studies on the TDD/FDD coexistence operating in the 2.6 GHz at 0 MHz, 5 MHz and 10 MHz guard bands. There was no agreement to study these guard bands because the issue of guard bands is regarded as outside the scope of 3GPP and it is assumed to be determined by regulatory bodies on a national basis.

List of Completed elements (for complex work items):

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List of open issues:

- Transmitter/receiver requirements related to co-existence with UMTS 2600 FDD and unsynchronised TDD
- RAN is asked to confirm that the initial focus of this WI for Region 1 is 3.84 Mcps TDD Option

Estimates of the level of completion (when possible):

5 %

WI completion date review resulting from the discussion at the working group:

RAN#30 (December 2005)

References to WG's internal documentation and/or TRs:

R4-050228 "Changes in TS25.105 & TS25.102 related to UMTS2600 WI," UTStarcom & IPWireless
R4-050178 "2.6 GHz WI FDD/TDD Co-existence Studies," IPWireless